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 Y Wang, QF Zhu - Proceedings of the IEEE, 1998 - [ieeexplore.ieee.org](#)

... error detection at the transport level is to ... applied to each video transport frame of 493 ... accomplish error detection at the video decoder, characteristics of ...

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**Wyner-Ziv coding for video: Applications to compression and error resilience**

 A Aaron, S Rane, R Zhang, B Girod - Data Compression Conference, 2003. Proceedings. DCC 2003, 2003 - [ieeexplore.ieee.org](#)

... The CIF video format produces for every frame a symbol block of length 288 x 352 = 101376 which is the input to the turbo encoder. ...

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 [PDF] ► **Multiple description coding for video using motion compensated prediction**

 AR Reibman, H Jafarkhani, Y Wang, MT Orchard, R ... - IEEE INT CONF IMAGE PROCESS, 1999 - [cs.unc.edu](#)

... 1 SNR Scalability Interleaved frames ... Our MD video coders utilize MD transform coding and three separate prediction paths at the encoder, to mimic the ...

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**Overview of research efforts on media ISA extensions and their usage in video coding**

 V Lappalainen, TD Hamalainen, P Liuha - IEEE transactions on circuits and systems for video ..., 2002 - [ieeexplore.ieee.org](#)

... fps for an MMX-enhanced H.263 video encoder using QCIF ... report individual frame rates of 115 and 25 fps for ... 1 and MPEG-2 (Main Profile, Main Level) decoders on ...

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**System level design with spade: an m-jpeg case study** - [york.ac.uk](#) [PDF]

 P Lieveise, T Stefanov, P van der Wolf, E ... - Proceedings of the 2001 IEEE/ACM international conference on ..., 2001 - [portal.acm.org](#)

... traditional M-JPEG encoders, the modified M-JPEG encoder compresses a sequence of video frames, applying JPEG [10] compression to each frame in the ...

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**An MPEG-2 decoder case study as a driver for a system level design methodology**

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 P Van der Wolf, P Lieveise, M Goel, D La Hei, K ... - Hardware/Software Codesign, 1999. (CODES'99) Proceedings of ..., 1999 - [ieeexplore.ieee.org](#)

... the application model, each process runs as a separate thread. ... It takes care that a frame is used for ... Figure 3: MPEG-2 video decoder modeled as Kahn Process Net ...

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**Thread transparency in information flow middleware** - [pdx.edu](#) [PDF]

R Koster, AP Black, J Huang, J Walpole, C Pu - Software: Practice and Experience, 2003 - Springer

... Page 5. Thread Transparency in Information FlowMiddleware 125 interaction, consider an MPEG-decoder that passes on decoded video frames but must ...

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Applications of MPEG-4: digital multimedia broadcasting- ► [boltz-online.com](http://boltz-online.com) [PDF]  
M Grube, P Slepén, C Mittendorf, M Boltz, M ... - IEEE Transactions on Consumer electronics, 2001 -  
[ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... The MPEG-4 video decoder is also able to handle ... 4.2.1 Multi-thread concept The encoder  
can use up ... These deal with frame grabbing, motion estimation and texture ...  
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### A programmable co-processor for MPEG-4 video

M Berekovic, HJ Stoiberg, P Pirsch, H Runge - 2001 IEEE International Conference on Acoustics, Speech, and  
... , 2001 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... of the standard show that at least a decoder software implementation ... However, the  
computation requirements for video broadcast with high frame rates, full ...  
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### Streaming scenes to MPEG-4 video-enabled devices

Y Noimark, D Cohen-Or - IEEE Computer Graphics and Applications, 2003 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... on a proprietary implementation, the decoder can be ... Display Algo- rithm for Interactive  
Frame Rates during ... H. Huang et al., "New Video Object Segmentation ...  
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